



# Certificate III Bicycle Workshop Operations (AUR30220)

Course Guide  
2023

## Pedal into a new career

Five reasons why you should pedal into a new career in the Bicycle Industry and enrol in our **bicycle mechanic course**.

### 1. A LIFELONG CAREER PATHWAY

Much like the automotive trades, individuals can study a nationally accredited Apprenticeship and/or industry certified technical training, to become a qualified Bicycle Mechanic/Technician. A growth industry, such as bicycles, means there are many future opportunities for young people and older career changers to develop skills and build a lifelong career pathway.

### 2. HIGH EMPLOYMENT OPPORTUNITIES AND A CAREER YOU CAN TAKE GLOBALLY

The bicycle industry is one of the fastest growing sectors in Australia. Bicycles are quickly becoming the go to transportation choice for commuting, fitness and recreation. They are cheap to run, keep you fit and a very practical form of transportation. Furthermore, the rapid growth of Electric Bikes (E-Bikes) is captivating the world and producing a new generation of road, trail and eco-friendly cycling enthusiasts. The modern design and advanced technology of E-Bikes plus traditional pedal bicycles has become very intricate and technical, which means the Bicycle Mechanic/Technician role is more critical than ever. This ensures a bright future and a diverse range of career pathways for anyone seeking to work in this dynamic, fast-paced industry

### 3. BE A PART OF THE FUTURE OF SUSTAINABLE INDUSTRY

No matter what your philosophical stance on climate change or 'green' initiatives are, the reality is the world is turning green and we all need to contribute to the future health of the planet. That might mean investing in an electric car, taking public transport or riding a bike to work or just using those pins we all have to get around. The contribution can be small and simple, and I think most people now believe they can make a difference even in a small way.

### 4. WORK & INTERACT WITH A DIVERSE RANGE OF PEOPLE

There is strength in diversity and as a bicycle mechanic you will work with people and communicate with customers from a range of backgrounds and cultures. The bike is the common thread that binds us all together.

### 5. YOU LOVE BIKES & DON'T LIKE SITTING AT A DESK

You love to ride; for sport & fitness, commuting or as your weekend activity with the kids. More importantly the idea of sitting in an office staring at a screen all day does not excite you.

# AUR30220 Certificate III in Bicycle Workshop Operations

## PEDAL INTO A CAREER IN THE BICYCLE INDUSTRY

### COURSE OVERVIEW:

The Certificate III qualification is aimed at those seeking a career as a Bicycle Technician/Mechanic. The course can be completed as an apprenticeship or fee-for service student. The content reflects the very latest industry standard and completing this course will qualify students to perform bicycle servicing & repairs to the highest industry & vocational certification.

### PAYMENT MODE:

Fee for service (FFS)  
Government funded (Higher Level Skills)  
Apprenticeship

### EMPLOYMENT OPPORTUNITIES:

- Bicycle Technician/Mechanic
- Bicycle Assembler
- Bicycle Store Consultant
- Bicycle Workshop Leader

### COURSE DELIVERY:

Delivered in a blended format incorporating online learning, classroom training at *The Bicycle Academy* and workplace supervision

### ENTRY REQUIREMENTS:

Have an appropriate level of language, literacy and numeracy (LLN) skills.

### STUDY PATHWAYS:

Upon completion of this qualification, students may be eligible for credit into a range of related courses.

### COURSE DURATION:

18 - 24Months

### COURSE FEES:

Please contact:

[bicycleacademy@industrygraduates.com](mailto:bicycleacademy@industrygraduates.com)

or call 1 300 0390 000 for the latest course information and fees.

### TOPICS COVERED IN THIS QUALIFICATION:

The **AUR30220 Certificate III in Bicycle Workshop Operations** is the industry endorsed, certified training program, covering the following topics of study:

1. Workplace environmental, sustainable, health & safety practices.
2. Working in the retail bicycle industry.
3. Diagnosis, service & repair of bicycles and all componentry.
4. Customer service & complaint handling.
5. Sales & promotion of products and services.
6. Stock ordering & control.
7. Electrical bicycle service & repair.

# AUR30220 Certificate III in Bicycle Workshop Operations

## COURSE OVERVIEW:

There are a total of 28 units of competency: 16 core and 12 electives.

Core units	
AURAEA002	Follow environmental and sustainability best practice in an automotive workplace
AURASA102	Follow safe working practices in an automotive workplace
AURBTA104	Assemble new boxed bicycles for retail sale
AURBCA101	Work in a retail bicycle environment
AURBTB101	Service and repair bicycle mechanical braking systems
AURBTD101	Service bicycle steering systems
AURBTQ001	Service bicycle drivetrain systems
AURBTQ002	Repair and overhaul bicycle drivetrain systems
AURBTJ102	Service bicycle wheels and hubs
AURBTJ104	Repair and overhaul bicycle wheels and hubs
AURBTD103	Repair and overhaul bicycle steering systems
AURBTV101	Remove, refit and adjust bicycle accessories
AURBTJ103	Design and build bicycle wheels
AURBTB003	Repair and overhaul bicycle hydraulic braking systems
AURBTB002	Service bicycle hydraulic braking systems
AURBTD102	Service bicycle suspension systems
Elective units	
AURAMA102	Communicate business information in an automotive workplace
AURACA101	Respond to customer needs and enquiries in an automotive workplace
AURSCA103	Apply sales procedures in an automotive workplace
AURSCA105	Sell automotive products and services
AURSCA106	Promote automotive products and services
AURSAA001	Process customer complaints in an automotive workplace
SIRRV001	Receive and handle retail stock
SIRRV002	Control stock
AURSCA102	Present automotive products and services for sale
AURBTR101	Inspect and service electric power-assisted bicycles
AURBTR104	Diagnose and repair electric bicycles
AURBTR103	Retrofit electric drivetrain systems to bicycles

# AURSS00062 - Electric Bicycles Skill Set (Release 1)

**COURSE OVERVIEW:** This skill set addresses the skills and knowledge required to service and repair electric bicycles in the automotive retail, service and repair industry.

**PATHWAYS INFORMATION:**

The units in this skill set provide credit towards:

- AUR30220 Certificate II in Bicycle Mechanical Technology
- AUR30220 Certificate III in Bicycle Workshop Operations
- any other qualifications that allow for selection of these units.

There are a total of 3 core units of competency

Core units	
AURBTR101	Inspect and service electric power-assisted bicycles
AURBTR104	Diagnose and repair electric bicycles
AURBTR103	Retrofit electric drivetrain systems to bicycles

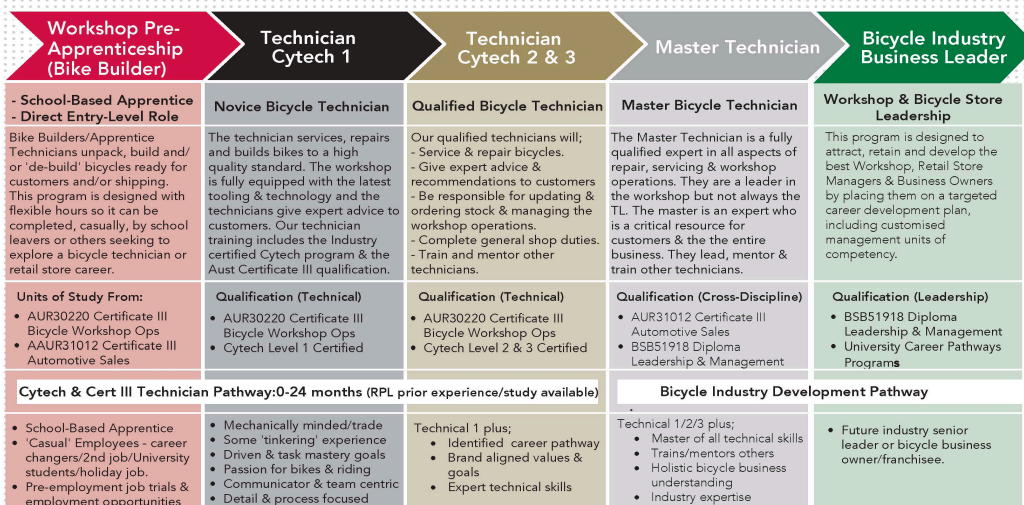
## Bicycle Mechanic Career Pathways



**INDUSTRY GRADUATES**



### THE BICYCLE ACADEMY - MECHANIC PATHWAY



**To find out more today, contact us on  
1300 039 000 or email  
[bicycleacademy@industrygraduates.com](mailto:bicycleacademy@industrygraduates.com)**

**AGA**

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